

Docket - 03-104 BPL

Dear FCC Commissioners,

I would like to enter my feelings on the Broadband over Power Lines.

I request your NO vote on the proposition.

The field tests and observations carried out by Ed Hare from the ARRL has demonstrated in an unbiased manner that this idea is bad if not worse. The broadband noise generated by the tests being carried out by several areas have proved beyond a doubt that this is not a viable means to transmit WIFI. The noise that was generated covered a very wide area and would make HF communications next to impossible. Low power radio communications would be a thing of the past. For Amateur Radio operators to live in an environment like this mode generates, it would be necessary to increase the present 1.5 KW PEP to at least 10 KW PEP to be able to continue what we can now do at 5 watts or less ERP. The detriment to the HAM community is only part of the story; the effect to our military communications could also be devastating. With our National Defense in its present state, we cannot afford this type of interference to exist. I would not like the United States to be put a risk due to the actions of a few who are going to reap the financial rewards from BPL. There are other means to reach the goal of WIFI. The old Cellular Telephone Industry has migrated to the micro cell technologies at microwave frequencies and has been very successful with their endeavor. There is no reason this method/technology cannot be used exclusively for WIFI. There is no reason a subcarrier on a TV or FM station could not be used for wide distribution of the WIFI data. This would not take up additional spectrum and is widely available.

In addition, the reception of Shortwave Broadcast stations would be made difficult or impossible to listen to. Many others and I depend on the Radio Canada International, BBC, Radio Netherlands International and Deutsche Welle (from Germany) Shortwave Broadcasts for our news reports and world happenings to get another view on what is really happening in the world.

Please remember in your decision that once you put the plug in the wall, it is not easily removed! Unless the vendors would agree to remove the technology from any area where interference is encountered, at their cost, this is not a viable technology.

I therefore ask you to vote no on the proposed BPL agenda and preserve the High Frequency Spectrum from further electronic noise pollution.

Gerald F. Lofstead

W3CDE

Atlanta, GA

-----=_NextPart_000_0027_01C365C8.45EE1000

Content-Type: text/html;

charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
<HTML><HEAD>
<META http-equiv=3DContent-Type content=3D"text/html;
charset=3Diso-8859-1">
<META content=3D"MSHTML 6.00.2800.1170" name=3DGENERATOR>
<STYLE></STYLE>
</HEAD>
<BODY bgColor=3D#ffffff>
<DIV><FONT face=3DArial size=3D2>
<DIV><FONT face=3DArial size=3D2>ECFS - E-mail
Filing<BR>&lt;PROCEEDING&gt;
03-104<BR>&lt;DATE&gt;&nbsp; 08/17/2003</FONT></DIV><FONT face=3DArial
size=3D2>
<DIV><BR>&lt;NAME&gt; Gerald F. Lofstead<BR>&lt;ADDRESS1&gt;&nbsp; 1568
Red Fox
Run<BR>&lt;ADDRESS2&gt; <BR>&lt;CITY&gt;
Lilburn<BR>&lt;STATE&gt;GA<BR>&lt;ZIP&gt;
30047<BR>&lt;LAW-FIRM&gt;<BR>&lt;ATTORNEY&gt;<BR>&lt;FILE-NUMBER&gt;<BR>&
lt;DOCUMENT-TYPE&gt;
RC</DIV>
<DIV>&lt;PHONE-NUMBER&gt;
770-979-5500<BR>&lt;DESCRIPTION&gt;<BR>&lt;CONTACT-EMAIL&gt; <A
href=3D"mailto:W3CDE@ARRL.NET">W3CDE@ARRL.NET</A><BR>&lt;TEXT&gt;</DIV>
<DIV>&nbsp;</DIV>
<DIV>
<P class=3DMsoNormal style=3D"MARGIN: 0in 0in 0pt"><B><SPAN
style=3D"FONT-FAMILY: Verdana">Docket - 03-104<SPAN
style=3D"mso-spacerun: yes">&nbsp; </SPAN>BPL</SPAN></B><SPAN
style=3D"FONT-SIZE: 12pt; mso-bidi-font-size: 10.0pt"><?xml:namespace
prefix =3D o
ns =3D "urn:schemas-microsoft-com:office:office"
/><o:p></o:p></SPAN></P>
<P class=3DMsoNormal style=3D"MARGIN: 0in 0in 0pt"><SPAN
style=3D"FONT-SIZE: 12pt; mso-bidi-font-size: 10.0pt"><FONT
face=3D"Times New Roman">&nbsp;<o:p></o:p></FONT></SPAN></P>
<P class=3DMsoNormal style=3D"MARGIN: 0in 0in 0pt"><SPAN
style=3D"FONT-SIZE: 12pt; mso-bidi-font-size: 10.0pt"><FONT
face=3D"Times New Roman">Dear FCC
Commissioners,<o:p></o:p></FONT></SPAN></P>
<P class=3DMsoNormal style=3D"MARGIN: 0in 0in 0pt"><SPAN
```

style=3D"FONT-SIZE: 12pt; mso-bidi-font-size: 10.0pt"><FONT
face=3D"Times New Roman"> </P>
<P class=3DMsoNormal style=3D"MARGIN: 0in 0in 0pt"><SPAN
style=3D"FONT-SIZE: 12pt; mso-bidi-font-size: 10.0pt"><FONT
face=3D"Times New Roman">I would like to enter my feelings on the
Broadband over
Power Lines.</P>
<P class=3DMsoNormal style=3D"MARGIN: 0in 0in 0pt"><SPAN
style=3D"FONT-SIZE: 12pt; mso-bidi-font-size: 10.0pt"><FONT
face=3D"Times New Roman"> </P>
<P class=3DMsoNormal style=3D"MARGIN: 0in 0in 0pt"><SPAN
style=3D"FONT-SIZE: 12pt; mso-bidi-font-size: 10.0pt"><FONT
face=3D"Times New Roman">I request your NO vote on the
proposition.</P>
<P class=3DMsoNormal style=3D"MARGIN: 0in 0in 0pt"><SPAN
style=3D"FONT-SIZE: 12pt; mso-bidi-font-size: 10.0pt"><FONT
face=3D"Times New Roman"> </P>
<P class=3DMsoNormal style=3D"MARGIN: 0in 0in 0pt"><SPAN
style=3D"FONT-SIZE: 12pt; mso-bidi-font-size: 10.0pt"><FONT
face=3D"Times New Roman">The field tests and observations carried out by
Ed Hare
from the ARRL has demonstrated in an unbiased manner that this idea is
bad if
not worse. The broadband
noise
generated by the tests being carried out by several areas have proved
beyond a
doubt that this is not a viable means to transmit WIFI.<SPAN
style=3D"mso-spacerun: yes"> The noise that was generated
covered a
very wide area and would make HF communications next to impossible.<SPAN
style=3D"mso-spacerun: yes"> Low power radio communications
would be
a thing of the past. For
Amateur
Radio operators to live in an environment like this mode generates, it
would be
necessary to increase the present 1.5 KW PEP to at least 10 KW PEP to be
able to
continue what we can now do at 5 watts or less ERP.<SPAN
style=3D"mso-spacerun: yes"> The detriment to the HAM
community is
only part of the story; the effect to our military communications could
also be
devastating. With our
National
Defense in its present state, we cannot afford this type of interference
to
exist. I would not like
the United
States to be put a risk due to the actions of a few who are going the
reap the
financial rewards from BPL. There
are other means to reach the goal of WIFI.<SPAN style=3D"mso-spacerun:
yes">

The old Cellular Telephone Industry has migrated to the micro cell technologies at microwave frequencies and has been very successful with their endeavor. There is no reason this method/technology cannot be used exclusively for WIFI. There is no reason a subcarrier on a TV or FM station could not be used for wide distribution of the WIFI data. This would not take up additional spectrum and is widely available.<o:p></o:p></P>

<P class=3DMsoNormal style=3D"MARGIN: 0in 0in 0pt"> <o:p></o:p></P>

<P class=3DMsoNormal style=3D"MARGIN: 0in 0in 0pt">In addition, the reception of Shortwave Broadcast stations would be made difficult or impossible to listen to. Many others and I depend on the Radio Canada International, BBC, Radio Netherlands International and Deutsche Welle (from Germany) Shortwave Broadcasts for our news reports and world happenings to get another view on what is really happening in the world.<o:p></o:p></P>

<P class=3DMsoNormal style=3D"MARGIN: 0in 0in 0pt"> <o:p></o:p></P>

<P class=3DMsoNormal style=3D"MARGIN: 0in 0in 0pt">Please remember in your decision that once you put the plug in the wall=85 it is not easily removed! Unless the vendors would agree to remove the technology from any area where interference is encountered, at their cost, this is not a viable technology.<o:p></o:p></P>

<P class=3DMsoNormal style=3D"MARGIN: 0in 0in 0pt"> <o:p></o:p></P>

<P class=3DMsoNormal style=3D"MARGIN: 0in 0in 0pt">I therefore ask you to vote no on the proposed BPL agenda and preserve the High Frequency Spectrum from further electronic noise pollution.<o:p></o:p></P>

<P class=3DMsoNormal style=3D"MARGIN: 0in 0in 0pt"> <o:p></o:p></P>

<P class=3DMsoNormal style=3D"MARGIN: 0in 0in 0pt"><FONT

face=3D"Times New Roman">Gerald F. Lofstead<o:p></o:p></P>
<P class=3DMsoNormal style=3D"MARGIN: 0in 0in 0pt"><SPAN
style=3D"FONT-SIZE: 12pt; mso-bidi-font-size: 10.0pt"><FONT
face=3D"Times New Roman">W3CDE<o:p></o:p></P>
<P class=3DMsoNormal style=3D"MARGIN: 0in 0in 0pt"><SPAN
style=3D"FONT-SIZE: 12pt; mso-bidi-font-size: 10.0pt"><FONT
face=3D"Times New Roman">Atlanta,
GA<o:p></o:p></P></DIV></DIV></BODY></HTML>

-----=_NextPart_000_0027_01C365C8.45EE1000--